

RATE 3 PUBLIC LIGHTING STANDARD DRAWINGS

EQUIPMENT REQUIREMENTS

LIST OF STANDARD DRAWINGS

- SL.01 List of Standard Drawings and Equipment Requirements
- SL.02 Electrical, Project Documentation & Design Requirements
- SL.03 Single Pole Wiring Diagram
- ~~SL.04 Two Pole Wiring Diagram – DELETED~~
- SL.05 Multiple Pole Installation with Unmetered 3 Phase Supply
- ~~SL.06 Multiple Pole Installation with Metered 3 Phase Supply – DELETED~~
- SL.07 Single Line Diagram & Conduit Installation Details
- SL.08 Streetlight Reticulation Details

All streetlight and associated works are to be carried out in accordance with all legislative requirements and Australian Standards. The standards that will apply shall include but not be limited to:

- AS/NZS 1158
- AS/NZS 2053
- AS/NZS 3000
- AS/NZS 3008
- QLD Electrical Safety Act

The details contained within the standard drawings are to be read in conjunction with the Ipswich City Council (ICC) policy documents; Planning Scheme Policy 3 – General Works, and Planning Scheme Policy 2. Where there is a conflict of requirements then the Planning Scheme Policy documents shall take precedence over the drawings. All equipment shall be selected from ENERGEX or Department of Transport and Main Roads (DTMR) standard equipment.

Warranty for rate 3 streetlight equipment shall be vested with Ipswich City Council at the start of Off Maintenance period.

Ipswich City Council has mandated the use of the Light Emitting Diode (LED) luminaires. The LED luminaire type and associated street light equipment shall be installed as an Energex unmetered rate 3 type. Any luminaire approved for use must be fitted with a NEMA 7 pin socket and associated wiring. Terminal numbers 1 to 5 inclusive of the NEMA 7 pin socket are to have their respective connections made prior to installation. Terminals 6 and 7 of the NEMA 7 pin socket are to have fly leads connected prior to installation. The fly leads are to be 150 mm in length, matching existing wire type, different external colour and terminated with insulated end caps. All luminaires must be operated using a photoelectric (P.E.) cell installed on the luminaire. The external NEMA 7 pin socket must be installed to allow the matching P.E. cell plug connection. Where the NEMA 7 pin socket is not used for a P.E. connection it must be capped with a shorting cap to prevent material ingress.

ABBREVIATIONS

- NTS – not to scale
- POS – point of supply
- MCB – miniature circuit breaker

REVISIONS						
AMENDMENT	INITIALS	DATE	AMENDMENT	INITIALS	DATE	
F				L		
E				K		
D				J		
C				I		
B	RPEQ SIGN OFF	TM	16/3/18	H		
A	DRAFT – NOT ISSUED	SGL	23/6/17	G		



IPSWICH CITY COUNCIL

P.O. Box 191 Ipswich QLD 4305 Australia
 Telephone: (07) 3810 6666
 Website: www.ipswichplanning.com.au

STANDARD DRAWING

RATE 3 PUBLIC LIGHTING
 LIST OF STANDARD DRAWINGS
 AND EQUIPMENT REQUIREMENTS

LIGHTING

SL.01

REV: B | DRAWER: 100